MINOR CHANGE APPLICATION
CUMULUS LICENSING LLC
WRAD (AM) RADIO STATION
1460 kHz - 0.037/5.0 kW - ND
RADFORD, VIRGINIA
April 2014

EXHIBIT #4

Radio Frequency Assessment

A study has been made to determine whether this proposal is in compliance with 47 C.F.R. §1.1307 of the Commission's rules and with OET Bulletin #65, dated August 1997 ("Bulletin"), regarding human exposure to radio frequency radiation in the vicinity of broadcast towers. This study utilizes the appropriate formulas contained in the OET Bulletin.

We have used the authorized daytime power of WRAD with a full 5.0 kilowatts of power for the radio frequency radiation calculations. A fence surrounds the AM radiators at a distance no closer than 3.0 meters (9.8 feet) from the radiating structure.

The WRAD tower is 107° in electrical height and operates with power of 5.0 kilowatts at 1460 kHz . At 3.0 meters from the structure, the WRAD radiator contributes an electric field of 84.3 V/m and a magnetic field of 0.497 A/m. Since WRAD operates above 1340 kHz, the contribution levels for controlled and uncontrolled environments differ. The operation of WRAD results in an electric field contribution of 13.7% of the maximum 614 V/m and 30.5% of the maximum 1.630 A/m controlled environment. The operation of WRAD results in an electric field contribution of 14.9% of the maximum 564.4 V/m and 33.1% of the maximum 1.500 A/m uncontrolled environment. Since the magnetic field contribution is the highest, it is considered worst case.

Since this level for uncontrolled environments is below the 100% limit defined by the Commission, the proposed WRAD facility is believed to be in compliance with the radio frequency radiation exposure limits as required by the Federal Communications Commission. Further, Cumulus will insure warning signs are posted in the vicinity of the towers warning of potential radio frequency radiation hazards at the site. In addition, Cumulus will reduce the power of the proposed facility or cease operation, in cooperation and coordination with other tower users, as necessary, to protect persons having access to the site, tower or antenna from radio frequency radiation in excess of FCC guidelines.